

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

13. (Currently amended) A thermal barrier assembly comprising:

a channel comprising a modified surface; and

a layer of metal bonded to a surface of said channel,

said metal having been deposited on said channel surface from a plasma,

wherein said thermal barrier assembly comprises at least a portion of a casing.

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38. (Currently amended) A thermal barrier assembly comprising:

a channel comprising a modified surface comprising a layer of metal

bonded to a surface of said channel, said metal having been deposited onto said channel surface from a plasma; and

an adhesive composition bonded to the modified surface of said channel, said adhesive composition comprising polyurethane.

39. (Currently amended) A thermal barrier assembly comprising:

a channel comprising a modified surface comprising a layer of metal

bonded to a surface of said channel, said metal having been deposited onto said channel surface from a plasma; and

an adhesive composition bonded to the modified surface of said channel, said adhesive composition exhibiting no greater than 5 % shrinkage when bonded to said surface and subjected to the % Shrinkage Test Method.

41. (Currently amended) A thermal barrier assembly comprising:

a channel comprising a modified surface;

a layer of metal bonded to a surface of said channel, said metal layer having been deposited onto said channel surface from a plasma; and

*comprising - liquid
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appears there are 3 elements
a channel, a modified
surf, & a layer of
metal whereas the
spec. details
that the metal
forms the modified
surface which
leads to but is
there are 2 elements
for channel
to the*

an adhesive composition bonded to the modified surface of said channel, said adhesive composition exhibiting a shear strength of at least 2500 psi shear strength at room temperature after being subjected to the Thermal Cycling Method.

51. (Currently amended) A casing comprising a thermal barrier comprising:

- a thermal barrier assembly comprising
 - a channel; comprising a modified surface; and
 - a layer of metal bonded to a surface of said channel, said metal layer having been deposited onto said channel surface from a plasma; and
 - an adhesive composition bonded to the modified surface of said channel.